



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Takayuki Takahashi et al. Confirmation No.:
Serial No. : 10/668,967
Filed : September 23, 2003
TC/A.U. :
Examiner :

Docket No. : 03-592
Customer No. : 34704

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

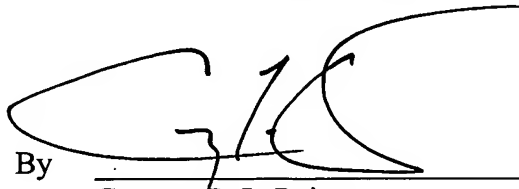
In accordance with the requirements of 37 CFR 1.97 and 1.98, Applicant hereby submits the documents listed hereinbelow, copies enclosed.

- (1) Japanese Patent Laid-Open No. 11-97203 (published on April 9, 1999). The document is in Japanese; however an English abstract is attached hereto.
- (2) Japanese Patent Laid-Open No. 52-37914 (published on March 24, 1977). The document is in Japanese; however an English abstract is attached hereto.
- (3) Japanese Patent Laid-Open No. 7-193358 (published on July 28, 1995). The document is in Japanese; however an English abstract is attached hereto.

The undersigned submits the above-identified references for independent consideration by the Examiner and does not make any admission that these references are or are not material to the present invention or that these references are or are not prior art with respect to the present invention.

Respectfully submitted,

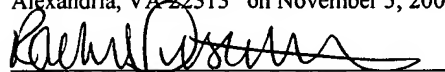
Takayuki Takahashi et al.

By 

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Date: November 5, 2003

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313" on November 5, 2003.


Rachel Piscitelli

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1
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Complete if Known

Application Number	10/668,967
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Filing Date

First Named Inventor	Takayuki Takahashi et al.
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Group Art Unit

Examiner Name

Attorney Docket Number	03-592
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.